

01-30-04

PTO/SB/21 (03-03)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/677,880
	Filing Date	October 2, 2003
	First Named Inventor	Ulrich Muller, et al.
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	0329-0009.01

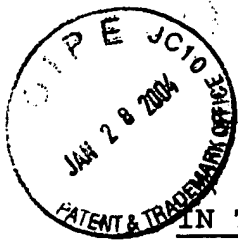
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	- English Translations of Previously Cited References	
	- PTO/SB/08A and PTO/SB/08B (4 pages total)	
	- Return Postcard	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Andrew G. Kolomayets
Signature	<i>Andrew G. Kolomayets</i>
Date	January 28, 2004

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PATENT

Attorney Docket No. 0329-0009.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Ulrich Müller, et al.

Serial No.: 10/677,880

Filed: October 2, 2003

Examiner:

Art Unit:

For: FLATNESS MEASUREMENT SYSTEM  
FOR METAL STRIP

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NAME: Armando Ching

SIGNATURE: *Armando Ching*

Commissioner for Patents  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This is a Supplement to the Information Disclosure Statement mailed to the Patent Office on October 27, 2003. By this Supplement, Applicants now submit English translations of Citation Nos. 10, 15, 19, 20, 23, 24, 25 and 26, as listed on the previously submitted Form PTO/SB/08A and PTO/SB/08B. (Duplicates of Forms PTO/SB/08A and PTO/SB/08B with the "Translation" box checked are attached.)

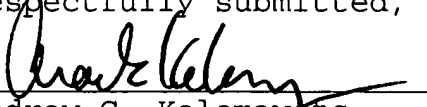
No inference should be drawn that any apparatus disclosed is equivalent to the subject invention. Also, the citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in

existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

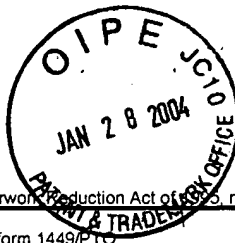
Applicants also respectfully reserve the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the present patent application.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fee under 37 CFR 1.97(c) is required. If it is determined that a fee is required for this Information Disclosure Statement, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

  
Andrew G. Kolomayets  
Registration No. 33,723

COOK, ALEX, MCFARRON, MANZO,  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/677,880
Filing Date	October 2, 2003
First Named Inventor	Ulrich Muller, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	0329-0009.01

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,731,508	05/08/1973	Sabatini et al.	
		US- 4,782,683	11/08/1988	Tippins et al.	
		US- 4,785,646	11/22/1988	Uekaji et al.	
		US- 4,809,528	03/07/1989	Lawson et al.	
		US- 5,016,281	05/1991	Eppler et al.	
		US- 5,085,066	02/04/1992	Komami et al.	
		US- 5,309,222	05/03/1994	Kamei et al.	
		US- 5,367,378	11/22/1994	Harding et al.	
		US- 5,488,478	01/30/1996	Bullock et al.	
		US- 5,996,384	12/07/1999	Steeper et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		DE OS 20 13 867	10/07/1971			
		JP 62-9711	01/17/1987			
		DE 37 21 746	01/19/1989			
		JP 2-229610	06/12/1990			
		FR 2 725 512	04/12/1996			

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Sheet	2	of	4
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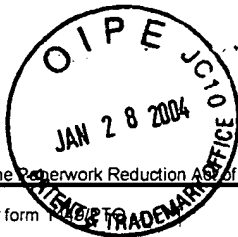
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )				
	9	EP 0 470 815 A1	02/12/1992	Industrial Technology Inst.		
	10	DE 41 42 564 A1	06/24/1993	Fa. Carl Zeiss		✓
	11	WO 94/05968 A1	03/17/1994	John M. Fitts		
	12	FI 950748	08/18/1996	Spectra-Physics Visiontech		

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**INFORMATION DISCLOSURE  
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Attorney Docket Number	0329-0009.01

Sheet

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of

4

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13	LIPPINCOTT, ET AL., "Optical-Digital Detection of Dents and Scratches on Specular Metal Surfaces," Applied Optics, August 15, 1982, pp. 2875-2881, Vol. 21, No. 16.	
	14	PIRLET, R, ET AL., "A Noncontact System for Measuring Hot Strip Flatness," Iron and Steel Engineer, July 1983, pp. 45-50,	
	15	H. MARGUERRE, "Automatisierte Qualitatsprufung glanzender Oberflachen an Gebrauchsgegenstanden durch strukturierte Beleuchtung," Feinwerttechnik & Messtechnik 93, 1985, pp. 35-37.	✓
	16	"Hot Strip Mill Profile and Flatness Study - Phase I," Association of Iron and Steel Engineers," October 1986, pp. 10-13 and 31-33.	
	17	"Hot Strip Mill Profile and Flatness Study - Phase II," Association of Iron and Steel Engineers," July 1989, pp. 59 and 108.	
	18	DITZHUIJZEN, ET AL., "36 Performance Increase of Hot Strip Mills After Renovation," Dimensional Control in Rolling Mills, September 11-13, 1990, Imperial College, London, UK, pp. 321-333, Vol. 1.	
	19	BREUCKMANN, B., ET AL., "Sensoren und Gerate fur die 3D-Mebtechnik," Fertigungsmesstechnik, 1992, pp. 383-386, Verlag, Munchen.	✓
	20	GMA-Bericht 23, "Optisches Messen von Lange und Gestalt," (Manuskripte der Beitrage zum VDI/VDE-Aussprachetag, 11 and 12, October 1994, Dusseldorf, Germany.	✓
	21	KANTOLA, PEKKA, ET AL., "A New Solution to Flatness Measurement," Steel Times, August 1995, pp. 296, 298, Rautarukki Oy, Finland.	
	22	VASCOTTO, MARCO, "High Speed Surface Defect Identification on Steel Strip," MPT International, April 1996, pp. 70, 72-73, Trento (TN), Italy.	

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE  
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of

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Filing Date	October 2, 2003
First Named Inventor	Ulrich Muller, et al.
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Attorney Docket Number	0329-0009.01

**OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	23	BREUCKMANN, BERND, ET AL., "Industrielle Praxis der topometrischen 3D-Messtechnik," (Industrial applications of topometrical 3D-metrology) pp. 195 and 200.	✓
	24	BREUCKMANN, BERND, ET AL., "Bildverarbeitung und optische Messtechnik in der industriellen Praxis," , Franzis', pp. 124-154.	✓
	25	GERSPACHER, PIRMIN, ET AL., "Berührungslose Ebenheits-prüfung und Oberflächen-inspection," Vol. 12, pp. 256, 265, and 275.	✓
	26	BREUCKMANN, "Prospekt optoSIS S/S Oberflächen-Inspektions-System.	✓

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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